



## Box Properties

### --Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

### --Box Parameters--

Vb = 3.026 cu.ft

V(total) = 3.961 cu.ft

Fb = 20.79 Hz

QL = 6.562

F3 = 24.28 Hz

Fill = minimal

### --Vents--

No. of Vents = 1

Vent shape = rectangle

Vent ends = two flared

Hv = 2.5 in

Wv = 10 in

Lv = 50.59 in

## Driver Properties

### --Description--

Name: XO-12

Type: Standard one-way driver

Company: Torrent Audio.com

Underhung voice coil

### --Configuration--

**No. of Drivers = 1**

### --Mechanical Parameters--

Fs = 24.7 Hz

Qms = 3.347

Vas = 71 liters

Cms = 0.246 mm/N

Mms = 169 g

Rms = 7.826 kg/s

Xmax = 20 mm

Xmech = 30 mm

P-Dia = 241 mm

Sd = 450.8 sq.cm

P-Vd = 0.902 liters

### --Electrical Parameters--

Qes = 0.534

Re = 5.93 ohms

Z = 7.55 ohms

BL = 19.2 Tm

Pe = 400 watts

### --Electromech. Parameters--

Qts = 0.453

no = 0.193 %

1-W SPL = 86 dB

2.83-V SPL = 86.31 dB



### Wiring Diagram







